

Converting Colors

YUV(159.2340, -8.4964,
-28.2692)

Have a look what the booklet for
YUV(159.2340, -8.4964, -28.2692)
contains.

YUV(159.2340, -8.4964, -28.2692)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.2340, -8.4964,
-28.2692)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB38E
RGB	127, 179, 142
RGB Percent	50%, 70%, 56%
CMY	0.5020, 0.2980, 0.4431
CMYK	0.29, 0.00, 0.21, 0.30
HSL	137°, 25%, 60%
HSV	137°, 29%, 70%
XYZ	29.7550, 38.7052, 31.4938
YIQ	159.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

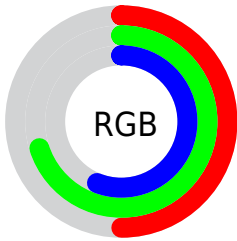
Format	Color
RYB	127, 167, 179
Decimal	8369038
CIELab	68.54, -24.88, 13.49
CIELCh	69, 28.301, 151.540
Yxy	38.7052, 0.2977, 0.3872
Android (android.graphics.Color)	4286559118 (0xFF7FB38E)
YUV	159.2340, -8.4964, -28.2692
Hunter-Lab	62.2135, -23.5021, 13.5356

Details

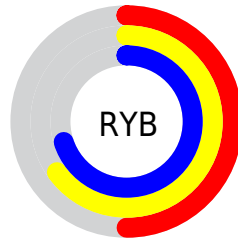
The YUV color $159.2340, -8.4964, -28.2692$ is a dark color, and the websafe version is hex $99CC99$. A complement of this color would be $146.7660, 8.4964, 28.2692$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.4080, -9.0751, -29.2988$, and $107.1740, -7.4808, -27.3396$ is the 20% darker color. If you saturate the color by 10%, you get $152.3700, -11.5214, -38.0355$, and if you desaturate by 10%, it is $166.0980, -5.4713, -18.5029$.

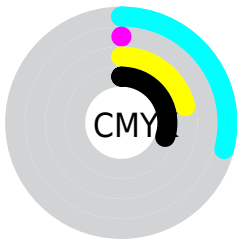
Distribution



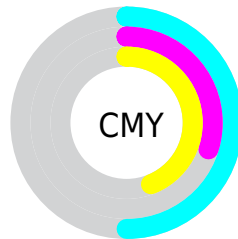
- Red (50%)
- Green (70%)
- Blue (56%)



- Red (50%)
- Yellow (65%)
- Blue (70%)



- Cyan (29%)
- Magenta (0%)
- Yellow (21%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2340, -8.4964, -28.2692 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 159.2340, -8.4964, -28.2692 by changing the saturation by 10% instead.

 159.2340, -8.4964,
-28.2692

 159.2340, -8.4964,
-28.2692


255.0000, 0.0000,
0.0000


 132.6470, -8.2070,
-27.7544


 214.4080, -9.0751,
-29.2988


 107.1740, -7.4808,
-27.3396


 237.7120, -6.7600,
-25.1804

 82.2880, -7.0440,
-27.4396

 249.2760, 1.3429,
-10.7661

 57.9290, -5.8810,
-27.1247

 33.9610, -4.4178,
-29.7838

 19.3710, -9.5499,
-16.9884

 0.0000, 0.0000,

0.0000

■ 159.2340, -8.4964,
-28.2692

■ 159.2340, -8.4964,
-28.2692

■ 152.3700,
-11.5214, -38.0355

■ 166.0980, -5.4713,
-18.5029

■ 145.6200,
-14.1097, -47.9017

■ 172.8480, -2.8831,
-8.6367

■ 138.7560,
-17.1347, -57.6680

■ 179.7120, 0.1420,
1.1296

■ 131.8920,
-20.1598, -67.4343

■ 186.5760, 3.1670,
10.8958

■ 125.3270,
-23.3322, -76.5858

■ 193.4400, 6.1921,
20.6621

■ 118.5770,
-25.9205, -86.4520

■ 199.8910, 8.9277,
29.9136

■ 111.7130,
-28.9455, -96.2183

■ 206.7550, 11.9528,
39.6799

■ 111.0010,
-29.0875, -97.3479

■ 209.1340, 17.1889,
40.2245

■ 210.3880, 21.9937,
39.1247

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.1030, -19.7708, -5.3523



159.2340, -8.4964, -28.2692



155.2990, 6.2616, -48.4972

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



159.2340, -8.4964, -28.2692



164.7190, 26.2675, -25.1866



169.4200, -13.5181, 42.6047

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



159.2340, -8.4964, -28.2692



146.7660, 8.4964, 28.2692

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



170.4980, -1.7245, 39.9053



159.2340, -8.4964, -28.2692



169.7010, 20.3604, 2.8932

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



159.2340, -8.4964, -28.2692



157.8640, 26.1960, -48.9927



171.2110, 10.2490, 26.1250



167.7750, -22.0741, 33.5233

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



159.2340, -8.4964, -28.2692



153.6490, 15.4560, -57.5742



171.2110, 10.2490, 26.1250



170.0440, -9.8817, 42.9344

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



159.2340, -8.4964, -28.2692



224.0110, -3.4564, -11.4106



168.5870, -20.5024, -4.0228



112.0870, -2.0149, -7.0923



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



159.2340, -8.4964, -28.2692



201.1690, -13.3943, -43.9982



162.1980, 2.8604, -30.8686



85.6250, -1.2941, -4.9331



94.8270, -25.0577, -83.1633



16.0600, -4.4666, -14.0846

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



146.7660, 8.4964, 28.2692



181.8310, 13.3943, 43.9982



143.8020, -2.8604, 30.8686



83.4890, 1.7309, 4.8331



58.1730, 25.0577, 83.1633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 159.2340, -8.4964, -28.2692 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 159.2340, -8.4964, -28.2692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

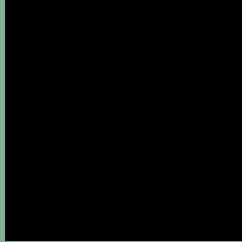
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.2340, -8.4964, -28.2692

Background



This preview shows how black text looks on a background with the YUV color 159.2340, -8.4964, -28.2692.



This preview shows how white text looks on a background with the YUV color 159.2340, -8.4964,

-28.2692.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

159.2340, -8.4964, -28.2692

Protanopia

165.5700, -14.5780, 9.1471

Deuteranopia

167.3740, -10.5374, 19.8430



Tritanopia

163.5330, 11.5692, -24.1464

Trichromacy



Original Color

159.2340, -8.4964, -28.2692

Protanomaly

163.3510, -12.4980, -4.6928

Deuteranomaly

164.4920, -9.6096, 2.1995

Tritanomaly

161.9860, 4.4439, -25.4207

Monochromacy



Original Color

159.2340, -8.4964, -28.2692

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.8370, -2.8776, -10.3810

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2340, -8.4964, -28.2692 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 179, 142)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 142)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 179, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 142) }
```

Border

The CSS property to change the border of an element to YUV 159.2340, -8.4964, -28.2692 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 179, 142) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(127, 179, 142) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(127, 179, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 142);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 159.2340, -8.4964, -28.2692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 142) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
179, 142) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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